U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST **FOR** CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995.

See The American Inventors Protection Act of 1999 (AIPA).

Application Number	09/294,341
Filing Date	April 20, 1999
First Named Inventor	Masaaki HIROKI
Group Art Unit	2629
Examiner Name	Regina Liang
Attorney Docket Number	0756-1964

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wishing consider filling a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent terms of the AIRA See Changes to Application Fxamination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

1.	s	ubmi	ission required under 37 C.F.R. § 1.114
	a.		Previously submitted
		i. the	Consider any previously filed and unentered Amendments and Information Disclosure Statements, including amendment(s)/reply and/or Information Disclosure Statement(s) previously filed on(Any unentered amendment(s) referred to above will be entered).
		ii.	Consider the arguments in the Appeal Brief or Reply Brief previously filed on
		iii.	☐ Other
	b.	X	Enclosed
		i.	☐ Amendment/Reply
		ii.	Affidavit(s)/Declaration(s)
		iii.	
		iv.	☐ Other
2.	N	lisce	llaneous
	a.		Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(l) required)
	b.	X	Other Petition to Withdraw from Issue
3.	F	ees	The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.
	a.		The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No
		i.	RCE fee required under 37 C.F.R. § 1.17(e)
		ii.	Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)
		iii.	Other
	b.	X	Check in the amount of \$920.00enclosed
	C.		Payment by credit card (Form PTO-2038 enclosed)
	1		SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED									
Name (Print/Type)	Eric J. Robinson	Registra	tion No. (Attorney/Agent)	38,285					
Signature	5-6	Date	5-11-06						

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on:

1450, of facsimile transmitted to tr	e o.o. I atom and Trademark office on	I	
Name (Print/Type)			
Signature	Date	·	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent tot he Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND Fees and Completed Forms to the following address: Commissioner for Patents, Box RCE, P.O. Box 1450, Alexandria, VA 22313-1450.

8

05/15/2006 CKHLOK

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST **FOR** CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995.

See The American Inventors Protection Act of 1999 (AIPA).

Application Number	09/294,341	
Filing Date	April 20, 1999	
First Named Inventor	Masaaki HIROKI	
Group Art Unit	2629 RECE	è.
Examiner Name	Regina Liang MAY 1 2 10	E
Attorney Docket Number	0756-1964FFICE	00

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

NOTE: 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filling a continued prosecution application (CPA) under 37 C.F.R. § 1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

					_																						
1.	₽ S	ubmi	ssion	rec	auir	ed ı	ınde	er 3	7 C.	F.R.	§ 1.	.114	7														
••	_		Prev								<u></u>																
	i. Consider any previously filed and unentered Amendments and Information Disclosure Statements, including the amendment(s)/reply and/or Information Disclosure Statement(s) previously filed on(Any unentered amendment(s) referred to above will be entered).																										
	ii. Consider the arguments in the Appeal Brief or Reply Brief previously filed on																										
	iii. D Other																										
	b.	X	Enc	ose	ed																						
		i.		An	mer	dme	ent/i	Rep	ity																		
		ii.		Af	ffida	vit(s	;)/D	ecla	ıratio	on(s))																
		iii.	X	Inf	fom	natio	n C	iscl	osu	re St	taten	ment ((IDS)														
		iv.		Ot	ther																						
2.	N	iscel	lanec	us																							İ
	a. Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(l) required)																										
	b. Some Petition to Withdraw from Issue																										
3.																											
	a. The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No.																										
		i.										F.R.	§ 1.17(e)													ŀ
		ii.											§ 1.136		1.17)												I
		iii.											•														I
	b.	X	Che	ck i	in th	ie a	moı	unt o	of \$9	20.0	00			enc	losed												
	C.		Pay	ner	ent b	у сг	edit	car	d (Fo	orm F	PTO-:	2038 (enclosed))													
				_		_	=	_						=		=											二
						;	SIG	NA	TUR	E O	F AF	PLIC	CANT, A	TT	ORNE	<u>', (</u>	OR.	AGE	ENT	RE	QUIF	RED	_				
	lame	(Pri	nt/Tyj	e)		Ξric	; J.	Ro	bin	sor	1				Registr	ati	on I	No. ((Att	ome	y/Ag	ent)	3	8,28	5		
S	igna	ture				_	<u> </u>		<u> </u>		_	<u> </u>			Date			5	<u>, - (</u>	(/-0	6						
									CI	ERT	IFIC.	ATE	OF MAI	LIN	G OR	rR.	AN	SMIS	SSI	ON							
first	clas	s ma	il in a	пе	enve	lope	ad	dre	ssec	d to:	Cor	mmis	osited w sioner F Tradema	or F	Patents	В	Sta ox F	ates RCE	Pos , P.	stal S .O. E	Servio Box 1	ce wit 450, /	h s Alex	ufficie xandri	nt post ia, VA	tage as 22313-	
N	lame	(Pri	nt/Typ	e)	T																						
S	Signature							T	Date	T				-													

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent tot he Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND Fees and Completed Forms to the following address: Commissioner for Patents, Box RCE, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/21 (08-00)

					PT0/36/21 (06-00)				
			Application Number	09	09/294,341				
TRANSM	IITTAL		Filing Date	Ap	pril 20, 1999				
FOR	М		First Named Inventor	M	asaaki HIROKI RECEIVE				
1 511			Group Art Unit	26	529 MAY 1 0				
(to be used for all correspon	ndence after init	tial filina)	Examiner Name	R.	Liang WAT 1 2 2006				
Total Number of Pages in This			Attorney Docket Numb	er 07	0756-1964 OFFICE OF GETTION				
	E	NCLOSUR	RES (check all that appl		- WE UP IT IIII				
Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/declaration(s Extension of Time Reques Express Abandonment Re Information Disclosure Sta Certified Copy of Priority Document(s) Response to Missing Parts Incomplete Application Response to Missing F under 37 CFR 1.52 or	s) it quest itement	Assignm (for an Information of Infor	ment Papers Application) g(s) ation and Power of y ng-related Papers to Withdraw from Issue to Convert to a onal Application of Attorney, Revocation of Correspondence s al Disclaimer at for Refund mber of CD(s) The Commissioner is	Afrorman Afrorman Afrond Afron	3. 4. 5. 6. dereby authorized to charge any additional overpayments to Deposit Account No. 50-				
	SIGNATUR	RE OF APPL	LICANT, ATTORNEY, OR AGENT						
Firm or Individual name	Robinson PMB 955 21010 Sou			P.C.					
Signature	5.								
Date	5-11-	∞							
		CERTIFI	CATE OF MAILING						
I hereby certify that this corresp class mail in an envelope addre indicated below.	ondence is bei	ng deposited missioner for l	with the United States Pos Patents, P.O. Box 1450, Al	tal Servic exandria,	ce with sufficient postage as first , VA 22313-1450 on the date				
Type or printed name									
Signature				Date					
	. 1								

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

(571) 434-6789

5-11-06

Telephone

Date

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL **FOR FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27. TOTAL AMOUNT OF PAYMENT (\$) 920.00

	Complete if Known	1
Application Number	09/294,341	
Filing Date	April 20, 1999	RECEIVED
First Named Inventor	Masaaki HIROKI	- CONTRACT
Examiner Name	R. Liang	MAY 1 2 2006
Group Art Unit	2629	
Attorney Docket No.	0756-1964	CFFICE OF PETITION
		TOCK COS IS FORMANDOS

	OF PAYMENT	FEE CALCULATION (continued)									
1. The Con		authorized to charge indicated	3. A	3. ADDITIONAL FEES							
	credit any overpayi	-		Larg Entit	ty	Small Entity					
Deposit Account Number	50-2280		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
Number			1051	130	2051	65	Surcharge - late filing fee or oath				
Dec ::			1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet				
Deposit Account Name						130	Non-English specification				
			1812	2,520	1812	2,520	For filing a request for ex parte reexamination				
	Any Additional Fee		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	on			
	7 CFR 1.16 and 1.1 verpayments	/ and	1805		1805		Requesting publication of SIR after Examiner action				
	nt claims small entit CFR 1.27	ty status.	1251	120	2251		Extension for reply within first month				
2. 🗵 Payme	nt Enclosed:		1252	450	2252	225	Extension for reply within second month				
Check		Money Other	1253	1020	2253		Extension for reply within third month				
		Order	1254	1,590	2254	795	Extension for reply within fourth month	3			
	FEE CAL	CULATION	1255	2,160	2255	1080	Extension for reply within fifth month				
1. BASIC FIL	ING FEE		1401	500	2401		Notice of Appeal				
Large Entity	Small Entity	Ess Description	1402	500	2402	250	Filing a brief in support of an appeal				
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description Fee Paid	1403	1000	2403	500	Request for oral hearing				
1001 300	2001 150	Utility filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding				
1111 500	2111 250	Search fee	1452	500	2452	250-	Petition to revive - unavoidable				
1311 200	2311 275	Examination fee	1453	1,500	2453	750	Petition to revive - unintentional				
	ets/250 for each add		1501	1,400	2501	700	Utility issue fee (or reissue)				
			1502	800	2502	400	Design issue fee				
			1503	1100	2503		Plant issue fee				
		(2)	1462 1463	400 200	1462 1463		Petitions, Group I Petition, Group II	\$130.00			
	SUBTO	OTAL (1) (\$)	1464	130	1464	130	Petitions, Group III				
2. EXTRA CL	AIM FEES		1807	50	1807		Processing fee under 37 CR 1.17(q)				
	art .	Fee from	1806	180	1806	180	Submission of Information Disclosure Stmt				
Total Claims	40 -41** =	tra Claims below Fee Paid 0 X \$50 = \$	8021	40	8021		Recording each patent assignment per property (time number of properties)	s			
Independent	6 -6** =	0 X \$200 = \$	1809	790	2809	395	Filing a submission after final rejection (37 CFR				
Claims Multiple Depende	ent	=	1810	790	2810	395	§ 1.129(a)) For each additional invention to be examined (37 CF § 1.29(b))	R			
Large Entity			1801	790	2801	395	Request for Continued Examination (RCE)	\$790.00			
Fee Fee Code	Fee Fee (\$) Code	Fee Description (\$)	1802	900	1802	900	Request for expedited examination of a design application				
1202 50	2202 25	Claims in excess of 20	Other	fee (sp	ecify) _		· · ·				
1201 200	2201 100	Independent claims in excess of 3	1								
1203 360	2203 180	Multiple dependent claim, if not paid	* Red	luced by	Basic l	Filing F	ee Paid SUBTOTAL (3) (\$) 920.00				
1204 200	** Reissue independent claims over original patent										
1205 50					CERTIFICATE OF MAILING						
1 .203 30	2205 25	** Reissue claims in excess of 20 and over original patent	suffici	ent poste	hereby o	ertify tha	this correspondence is being deposited with the United States all in an envelope addressed to Commissioner for Patents, P.O.	Postal Service with Box 1450, Alexandria.			
1	SUBTO	ΓAL (2) (\$)	VA 22	2313-1450	0, on	. vm33 :116					
**or number		reater; For Reissues, see above	1								
		react, to residues, see above		===			Complete (if applicable)				
SUBMITTED	DĬ						Complete (ij applicable)				

Registration No.

(Attorney/Agent)

Eric J. Robinson

Name (Print/Type)

Signature

38,285

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTA
FOR FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision. ☐ Applicant Claims small entity status. See 37 CFR 1.27. TOTAL AMOUNT OF PAYMENT

Signature

Complete if Known								
Application Number	09/294,341							
Filing Date	April 20, 1999							
First Named Inventor	Masaaki HIROKI							
Examiner Name	R. Liang	RECEIVED						
Group Art Unit	2629	MAY 1 C as						
Attorney Docket No.	0756-1964	MAY 1 2 2006						

Date

5-11-06

		1.\\\								
	METI	IOD OF PAYMENT	+		-03141		FEE CALCU	JLATION (co	PPICE OF P	ETITIONIC
		hereby authorized to charge indicated	3. A	DDIT	IONA				01 [LIIIIUNO
fees and	credit any o	verpayments to:	1	Larg Enti		Smal Entit				
Deposit			Fee		Fee	Fee	,			
Account	50-2280)	Code	(\$)	Code	(S)	Fee Desc	ription		Fee Paid
Number			1051	130	2051	65	Surcharge - late fil	ling fee or oath		
			1052	50	2052	25	Surcharge - late pr	ovisional filing f	ee or cover sheet	
Deposit Account		on Intellectual Property	1053	130	1053	130	Non-English speci	fication		
Name	fice	1								
_	L		1812	2,520	1812	2,520	For filing a request	for ex parte reex	camination	
	•	nal Fee Required	1804	920*	1804	920	Requesting publica	ation of SIR prior	to Examiner action	
	7 CFR 1.16 a	and 1.17 and	1805	1,840*	1805	1,8404	Requesting publica	ition of SIR after	Examiner action	
		D - 15 - 1	1251	120	2251	60	Extension for reply	within first mon	th	
	nt claims sm CFR 1.27	all entity status.								
	nt Enclose	d·	1252	450	2252	225	Extension for reply	within second m	nonth	
Check	_	it Card Money Other	1253	1020	2253	510	Extension for reply	within third mor	nth .	
Cneck	☐ Crea	Order	1254	1,590	2254	795	Extension for reply	within fourth me	onth	
	FER	CALCULATION	1255	2,160	2255	1080	Extension for reply	within fifth mor	nth	
1. BASIC FIL			1401	500	2401	250	Notice of Appeal			
Large Entity	Small En	tity	1402	500	2402	250	Filing a brief in su	pport of an appea	1	
Fee Fee		ee Fee Description Fee Paid	1403	1000	2403	500	Request for oral he	aring		
Code (\$)	Code (S	´	1451	1,510	1451	1.510	Petition to institute	a public use pro	ceeding	
1001 300	2001 15	, ,	1452	500	2452		Petition to revive -		J	
1111 500	2111 25			1,500	2453	750	Petition to revive -	- unintentional		
1311 200	2311 27			1,400	2501	700	Utility issue fee (or	r reissue)		
Over 100 She	ets/250 for ea	ch additional 50	1502	800	2502		Design issue fee	·		
		<u></u>	1503	1100	2503	550	Plant issue fee			
			1462	400	1462		Petitions, Group I			\$130.00
	S	UBTOTAL (1) (\$)	1463 1464	200 130	1463 1464		Petition, Group II Petitions, Group III			
2. EXTRA CL	AIM FEE		1807	50	1807		Processing fee und		ı	
		Fee from	1806	180	1806	180	Submission of Info	rmation Disclosu	ire Stmt	
		Extra Claims below Fee Paid	8021	40	8021	40	Recording each par	tent occionment n	er property (times	
Total Claims	40 -41*	* = 0 X \$50 = \$	8021	40	8021	40	number of properti		er property (times	
Independent	6 -6**	= 0 X \$200 = \$	1809	790	2809	395	Filing a submission	n after final reject	tion (37 CFR	
Claims Multiple Depende	.mt		1810	790	2810	395	§ 1.129(a)) For each additional	l invention to be	examined (37 CFR	
Multiple Depende	511 t		1 70.0	,,,,	2010	373	§ 1.29(b))			
Large Entity	Small En		1801	790	2801	395	Request for Contin	ued Examination	(RCE)	\$790.00
Fee Fee Code	(S) Code	ee Fee Description	1802	900	1802	900	Request for expedi	ted examination	of a design	
	` ,	• *	1				application			
1202 50		Claims in excess of 20	Other	fee (spe	cify) _					
1201 200	2201 10	•	1						. [
1203 360	2203 18	• • • •	* Red	uced by	Basic F	iling Fe	e Paid	SUBTOTAL (3	(\$) 920.00	
1204 200	2204 10	 ** Reissue independent claims over original patent 								
1205 50						TE OF MAILING	skaka 11-bad Caraa Baraal	Camilia mith		
1205 50 2205 25 ** Reissue claims in excess of 20 and over original patent				l l ent postag	hereby ce ge as first	rtify that class ma	this correspondence is il in an envelope addre	ssed to Commission	th the United States Postal er for Patents, P.O. Box 1	450, Alexandria,
	VA 22313-1450, on									
**or number ;	reviously pa	id, if greater; For Reissues, see above								
SUBMITTED								Complete (if	applicable)	
		Eric J. Robinson		stration		38	,285		(571) 434-678	9
Name (Print/T)	pe)		(Atto	rney/Ag	gent)			Telephone		